

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An apparatus for providing a user interface to a designer of documents, said apparatus comprising:

a display device for displaying a visual representation of an object, said object being capable of being incorporated in a document;

an input device for receiving input from said designer, said input comprising a manipulation of the visual representation of the object;

a processor for processing computer code corresponding to the object based on said input from the designer while causing the display device to display the visual representation of the object to the designer in an event-driven format, wherein the object and the computer code associated with said object is represented by a first event driven program to said designer; via a first event driven program, said input comprising a method or property of an object;

~~a converter for converting said a method or property of an object into serial execution code including a markup language, wherein the serial execution code of the method or property of an object is represented by said first event driven program to said designer;~~

an output for outputting said serial-execution computer code associated with said object to a server that serially executes said serial-execution computer code associated with said object, wherein after the server serially executes the computer code associated with said object, the object is modified based on the execution of the computer code associated with said object

~~wherein the executed serial execution code is, the modified object being displayed represented by~~
~~a visual representation of the modified object to said designer in an event-driven format, wherein~~
~~the modified object and the computer code associated with said modified object is represented by~~
~~a second event driven program to said designer by a second event driven program to said~~
~~designer.~~

2. (Currently amended) The apparatus of claim 1, further comprising:

a client connected to said server, said client receiving the output of ~~said serial execution~~
the executed computer code associated with said object;

wherein the user interface provided to said designer displays the programs that operate
between said client and server as programs that operate as a single machine.

3. (Previously presented) The apparatus of claim 1, wherein the first and second event-
driven programs include objects.

4. (Currently amended) The apparatus of claim 3, further comprising: a script library for
storing a script relating to objects for later placement in said first event-driven programs.

5. (Previously presented) The apparatus of claim 3, said apparatus further comprising:
design-time controls for controlling the generation of said objects when said design-time
controls are placed within said first event-driven programs.

6. (Original) The apparatus of claim 1, wherein said first and said second event driven
programs are the same event-driven programs.

7. (Original) The apparatus of claim 1, wherein said first and second event driven
programs are different event-driven programs.

8. (Currently amended) A method for operating with a user interface provided to a designer of documents, said user interface representing documents as event-driven, said method comprising the steps of:

displaying a visual representation of an object, said object being capable of being incorporated in a document;

receiving an input from said designer, said input comprising a manipulation of the visual representation of the object; ~~via a first event driven program, said input comprising a method or property of an object;~~

processing computer code corresponding to the object based on said input from the designer while displaying the visual representation of the object to the designer in an event-driven format, wherein the object and the computer code associated with said object is represented by a first event driven program to said designer; ~~converting said method or property of an object into serial execution code including a markup language, wherein the serial execution code of the method or property of an object is represented by said first event driven program to said designer;~~

wherein after the server serially executes the computer code associated with said object, the object is modified based on the execution of the computer code associated with said object wherein the executed serial execution code is, the modified object being displayed represented by a visual representation of the modified object to said designer in an event-driven format, wherein the modified object and the computer code associated with said modified object is represented by a second event driven program to said designer ~~by a second event driven program to said designer.~~

outputting said ~~serial-execution computer code~~ associated with said object to a server that serially executes said ~~serial-execution computer code~~ associated with said object,

wherein after the executed serial-execution computer code associated with said object is executed, the object is modified based on the execution of the computer code associated with said object, the modified object being displayed by a visual representation of the modified object to said designer in an event-driven format, wherein the modified object and the computer code associated with said modified object is represented by a second event driven program to said designer.

9. (Currently amended) The method of claim 8, further comprising the step of:

receiving the output of ~~said serial-execution~~ the executed computer code at a client, said client being operatively connected to said server,

wherein the user interface provided to said designer displays the programs that operate between said client and server as programs that operate as a single machine.

10. (Previously presented) The method of claim 8, wherein said first and second event-driven programs include objects.

11. (Previously presented) The method of claim 10, further comprising the step of:

storing in a script library a script relating to objects for later placement in said first event-driven programs.

12. (Previously presented) The method of claim 10, further comprising the steps of:

controlling the generation of said objects with controls that operate during a design time when said controls are placed within said first event-driven programs.

13. (Original) The method of claim 8, wherein said first and said second event driven programs are the same event-driven programs.

14. (Original) The method of claim 8, wherein said first and second event driven programs are different event-driven programs.

15. (Currently amended) The apparatus according to claim 1, wherein said ~~markup language~~ computer code includes hypertext markup language.

16. (Currently amended) The method according to claim 8, wherein said ~~markup language~~ computer code includes hypertext markup language.

17. (Withdrawn) A computer system for designing internet-accessible datasets comprising:

a processor;

a first storage that, in combination with said processor, provides a design space to a developer where the developer develops programs that call objects with methods and properties,

wherein said processor converts said programs from said design space into a runtime space in which said objects with methods and properties are represented as server-executable web pages and where a first page of said pages invokes a method or property from a second page of said pages.

18. (Withdrawn) The computer system according to claim 17, wherein said design space is an event-driven space.

19. (Withdrawn) The computer system according to claim 18, wherein said runtime space exists on a server that processes said web pages.

20. (Withdrawn) The computer system according to claim 18, wherein said runtime space becomes an interaction space when a remote client interacts with said server-executable web pages served by a server.